ABSTRACT

Method For Statistical Multiplexing Of ATM Connections

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Given ATM connections, a plurality of connections are transmitted over common connecting sections. Connections being newly added thereto are allowed according to the criterion of decisions undertaken by acceptance algorithms. However, only yes/no decisions are thereby made. Often, however, the knowledge of the bandwidth for the totality of all connections conducted over these connecting sections is necessary. The invention solves this problem in that the bandwidth is estimated step-by-step with the setup/release of connections upon modification of the sigma rule algorithm.

Fig. 1.

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